

# SOUTH PRODUCTION NOTES

February 12, 2014  
Day Shift

BASF EMPLOYEES  
81 Last Recordable  
226 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.  
Bldg 31 is now regulated due to the running of the Si-1624 material

**#1 MED Si-1624:** **DOWN.** Work continues on the South end seal and sleeve. See picture.



Day shift: Locked out mixer. Contractor still working on end seal and bearing.  
Afternoon Shift: Should be repaired by Wednesday afternoon.  
Midnight shift: No change

**#1 RC / Si-1624:** All bags fed

Day shift: Continuing feeding bags with liner issues. Need to locate a partial bag of Si-1624 in front of RC #1 which will be also fed.

Afternoon Shift: Continued feeding/will be out of feed on 3<sup>rd</sup> shift.

Midnight shift: All of the feed (including the bags with fallen liners) are fed. Waiting on mixer repairs so more can be made/calcined.

Exhaust to F-1

**#2 MED line/ Cu-1230:** The dryer must be cleaned again with particular attention to both north and south angle irons above the discharge vibrator pan which are littered with Cu extrusions. I did not look under the drier at the bed belt chain flat stock, if the vibrator areas were missed, then these flat stock areas are most likely still not clean. Will need to get maintenance to install a new chain on #2 dryer – work notification 933933732.

Day Shift: No activity.

Afternoon Shift: Started cleaning Mixer.

Midnight shift: No activity...dryer looks pretty clean from cleaning efforts the past few days.

**#2 RC/ Cu-1230:** Calciner down. The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling.

Day shift: Calciner is off and has been reversed, however, we will not finalize clean up until advised by engineer – Bodmann.

Afternoon Shift: No change

Midnight Shift: No change.

Exhausting to CTO

**#3 MED line / D-1799:** Running D-1799 through the dryer. #3 Mixer is being worked on.

Day shift: Continuing to run. Maintenance took the chain off of #2 Dryer to install on #3. Maintenance working on mixer. Make sure that we empty the drum under dust collector #3 on a regular basis (it was emptied this afternoon).

Afternoon Shift:

Midnight Shift: Continue feeding

**#3 RC/ D-1799 NAQ:** Calciner is running.

Day shift: Continue to run. Keep rate up.

Afternoon Shift: Continued.

Midnight shift: Continue feeding

Exhausting to CTO

**Old Pfaudler – D-1799 NAQ:** Continue .

Day Shift: Continue. Keep the pipeline full.

Afternoon Shift: Continued.

Midnight shift: Continue

**Tank 7 / AMT for D-1799 NAQ:** Monitor tank's temperature.

Day shift: Monitor AMT tank.

Afternoon Shift: Monitor.



**Midnight shift:** Tank near empty, will need next AMT tank day shift Wednesday.

**New Pfaudler / V-2045 next:** Pfaudler has been rinsed.

**Day shift:** At this time no activity but we will need to finish rinsing the Pfaudler.

**Afternoon Shift:** No activity.

**Midnight shift:** Scheduled for rinsing again Wednesday day shift...confirm with engineer what else needed for V 2045 and when V 2045 will start.

**Tank 6 / Cleaning for V-2045 solution:** Acid washing the tank. Cooking Down.

**Day shift:** Cooking down acid wash.

**Afternoon Shift:** Will need to empty and rinse Wednesday..

**Midnight Shift:** Scheduled to be emptied day shift...check with WWTP to verify they can take the acid wash.

**National Dryer / :** Cleaning.

**Day shift:** Started to clean dryer after LOTO.

**Afternoon shift:** no activity.

**Midnight shift:** Continued cleaning, some minor material on dump end being finished

**#4 RC / Ni 2458 (2<sup>nd</sup> dip):** Feed restarted midnight shift, but work note in for either maintenance or IMC to investigate and correct pH probes and displays, particularly on stage #1 tank probes.

**Day shift:** Lucas working on the caustic line leak. Once it is repaired we can re-start the Trimer and verify that is working before we re-start the calciner. Lucas almost done.

**Afternoon Shift:** Changing flex hose off syntron. Need to walk line and start.

**Midnight shift:** Line walked, started feed but some maintenance items needed on pH probes (see above). Still running, no yellow stack, no NOx. Meters on both ends to verify.

**Exhaust to Trimer**

**PK Blender / 1520:** Continue 1520, use 118 bags. We need to get 6 batches out of the PK. May need to add personnel to reach goal. Batches are being placed in warehouse aisles: J1/J4/M5/B2/and aisle between A and B.

**Day shift:** Continue making batches using the B-146 impregnation numbers.

**Afternoon Shift:** Continued/made 6 batches.

**Midnight shift:** Continue. Use solution directly from 107 tank, then transfer 4 tank to 107 tank when 107 empty enough and then continue making new batches in 4 tank.

**HC-11 Tanks – 1520:** Tank 6 was inspected and multiple issues found with glass missing on the tank and on the agitator itself. Keep making solution in T-4, tote to PK when ready.

**Day shift: Monitor Tank 4. Batch**

**Afternoon Shift: Tank 4 pumped to 107/cleaned T-4-started making new 1520 solution.**

**Midnight Shift: Continue. Use solution directly from 107 tank, then transfer 4 tank to 107 tank when 107 empty enough and then continue making new batches in 4 tank.**

**#5 RC / OxyVinyl Catoxid: DOWN. Also, REMEMBER, we have to continue to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083). A new HOURLY CHECK sheet is available – please use it from now on.**

**Day shift: Found material at the top of the 5A dust collector. A video was taken of the area and sent to appropriate personnel. Currently waiting for additional direction.**

**Afternoon Shift: Sealed all the seams in the DC and installed new filters. Will be ready Wednesday after DL Page re-assembles duct work over DC.**

**Midnight shift: No activity**

**Exhaust to 5DC when feeding**

**Tower 3 / Cu-1230: Towers are finally running. Mass spec has been installed and it is working.**

**Day shift: Running. Work notification written for the spectrometer – 933933734.**

**Afternoon shift: Running.**

**Midnight Shift: Running but having issues with mass spec sample lines due to cold.**

**Hanging in there...**

**Tower 6 / Cu-1986: Towers are finally running. Mass spec has been installed and it is working.**

**Day shift: Running. Work notification written for the spectrometer – 933933734.**

**Afternoon shift: Should come down Wednesday night-3<sup>rd</sup> shift.**

**Midnight Shift: Running but having issues with mass spec sample lines due to cold.**

**Hanging in there...Tower 6 should come down within 24 hours (late night shift/day shift Thursday)**

**Harrop Kiln - Al-3921 T 3/16”: Down... saggers have been removed, screener parts at TK#2**

**Day shift: Down**

**Afternoon Shift: Down**

**Midnight Shift: Down.**

**North Screener / Cu 1230: Screener switched to Cu 1230**

**Day shift: Ready for Cu-1230**

**Afternoon Shift: No change.**

**Midnight shift: No change.**

**South Screener / Cu 1986:** Done until another tower comes down.

**Day shift:** No activity.

**Afternoon Shift:** No activity.

**Midnight shift:** No activity. Next totes will be from tower 6 in a day or so.

**#6 - RC / D-0756:** Down

**Day Shift:** Down

**Afternoon shift:**

**Midnight shift:** Down.

**Exhaust to Sly Scrubber**

**Tunnel Kiln #2 / V-2045 is next:** Saggars have been switched to Vanadium saggars.

**Day shift:** Down

**Afternoon Shift:**

**Midnight shift:** No activity...check with Production team on TK 2 status for firing up.

**Tunnel Kiln #4 / Cu-0540 done:** HOLD

**Day shift:** No activity

**Afternoon Shift:** Down.

**Midnight shift:** Down.

**#2662 Pill Machine / Al-3917 3/16:** Finished. Holding for decision to switch to 3915.

**#2664 Pill Machine / Al-3917 3/16:** Finished. Holding for decision to switch to 3915.

**Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.**

- 1) Cu-1230 E 1/16 3F RS & Cu-1986 TRL - Reduction Towers**
- 2) D-1799 NAQ - East Pfaudler/#3 P&S/#3 RC**
- 3) 1520 Impregs - PK/HC-11 Tank Make Up**
- 4) Catoxid - #5 RC**
- 5) Ni-2458 E - West Pfaudler/National Dryer/#4RC**
- 6) Si-1624 E - #1 MED/#1 RC**
- 7) Clean #2 P&S Dryer**

## **8) Clean #2 MED Line**